HORIZONTAL TAIL

SPAN - 113.50'

HORIZONTAL STABILIZER - Sq.Ft. AREA	1499
ELEVATOR - Sq. Ft. AREA	1111
Total Area Sq. Ft.	2610
ASPECT RATIO	4.94
TAPER RATIO	1.86:1
ROOT CHORD IN FT.	31.13
TIP CHORD IN FT. (THEORETICAL)	16.73
AIRFOIL SECTION	NACA 0012 MODIFIED TO 10.7% THICKNESS BY A 12% EXT. OF CHORD AT T.E.

VERTICAL TAIL

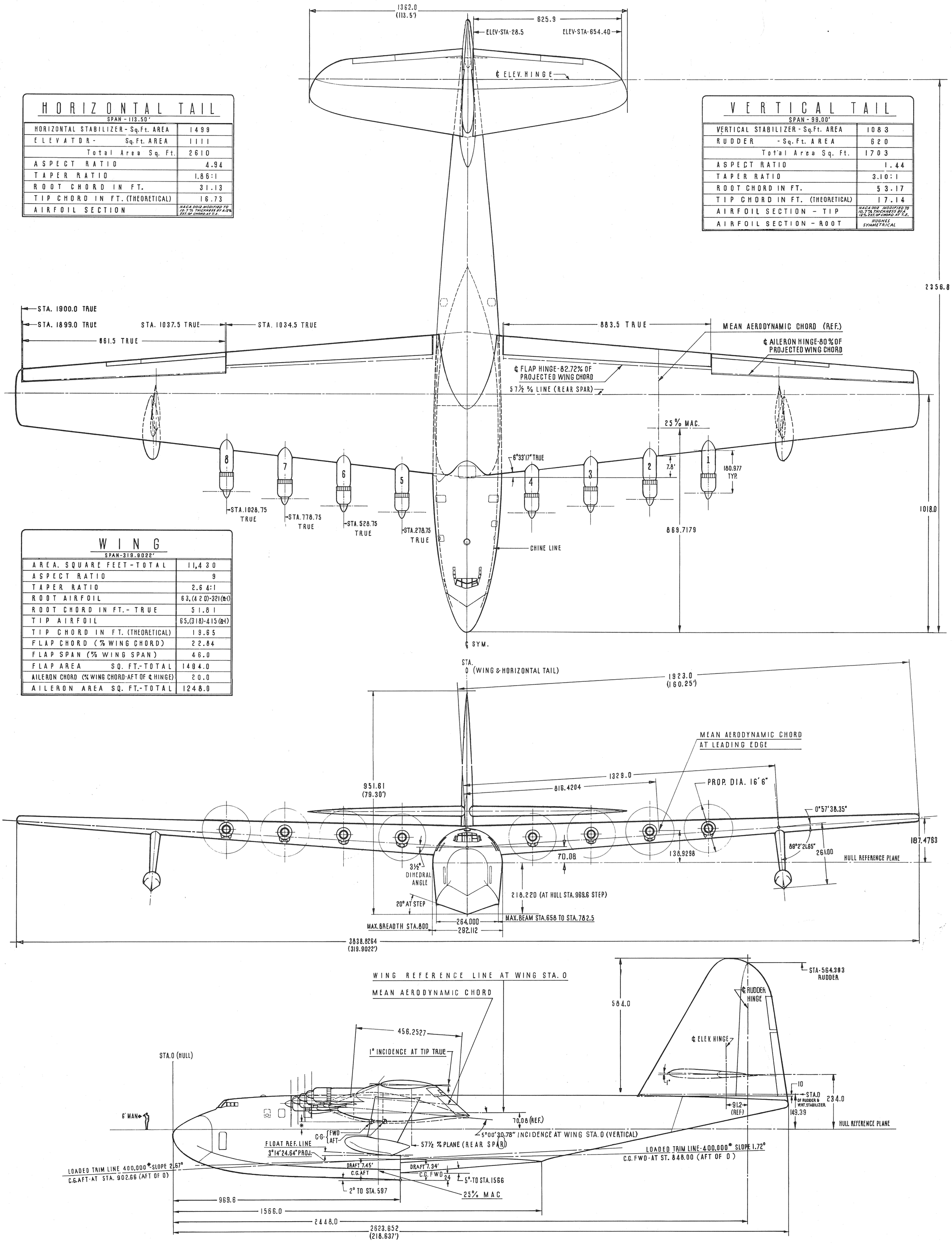
SPAN - 99.00'

VERTICAL STABILIZER - Sq.Ft. AREA	1083
RUDDER - Sq. Ft. AREA	620
Total Area Sq. Ft.	1703
ASPECT RATIO	1.44
TAPER RATIO	3.10:1
ROOT CHORD IN FT.	53.17
TIP CHORD IN FT. (THEORETICAL)	17.14
AIRFOIL SECTION - TIP	NACA 0012 MODIFIED TO 10.7% THICKNESS BY A 12% EXT. OF CHORD AT T.E.
AIRFOIL SECTION - ROOT	HUGHES SYMMETRICAL

WING

SPAN-319.9022'

AREA, SQUARE FEET - TOTAL	11,430
ASPECT RATIO	9
TAPER RATIO	2.64:1
ROOT AIRFOIL	63,(420)-321(a=1)
ROOT CHORD IN FT. - TRUE	51.81
TIP AIRFOIL	65,(318)-415(a=1)
TIP CHORD IN FT. (THEORETICAL)	19.65
FLAP CHORD (% WING CHORD)	22.84
FLAP SPAN (% WING SPAN)	46.0
FLAP AREA SQ. FT. - TOTAL	1404.0
AILERON CHORD (% WING CHORD-AFT OF ℄ HINGE)	20.0
AILERON AREA SQ. FT. - TOTAL	1248.0



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HUGHES FLYING BOAT